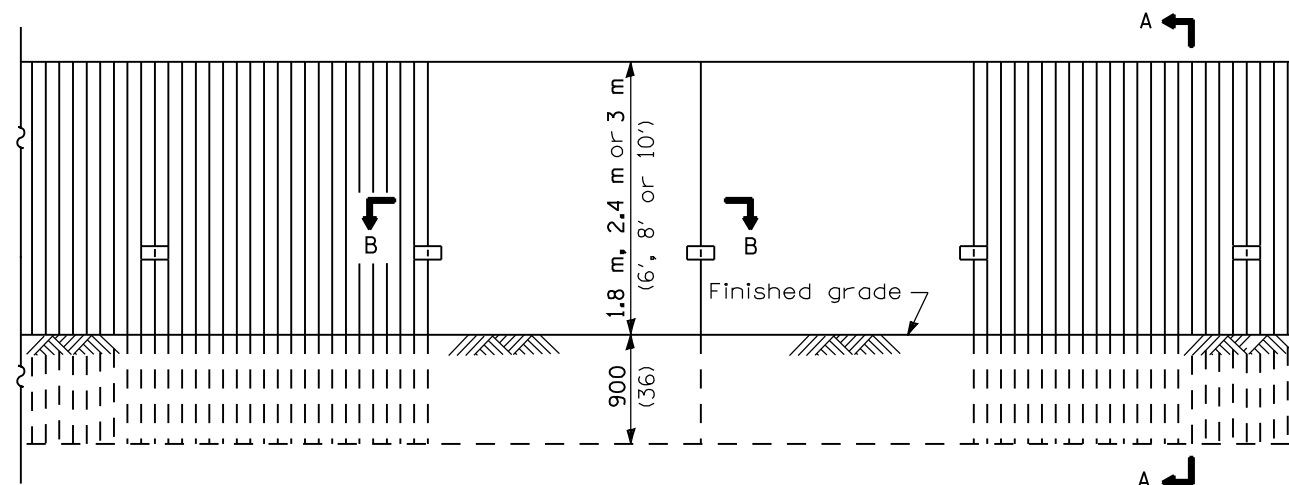
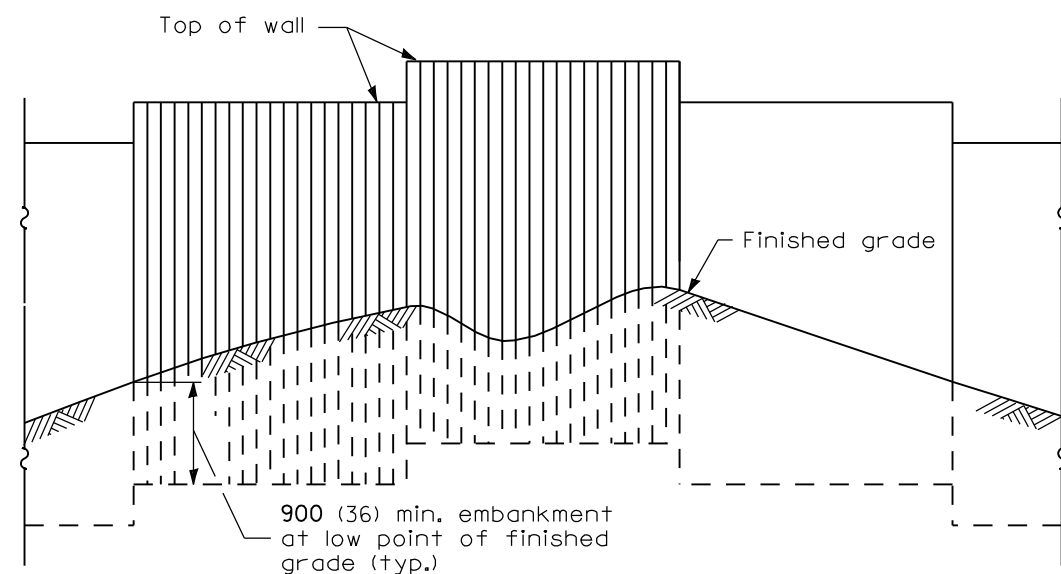


Each alternate pair of panels shall have a textured surface finish as shown, and shall be alternated with pairs having a smooth finish. The intersection of every two panels having the same finish shall point toward the road as shown.

PLAN

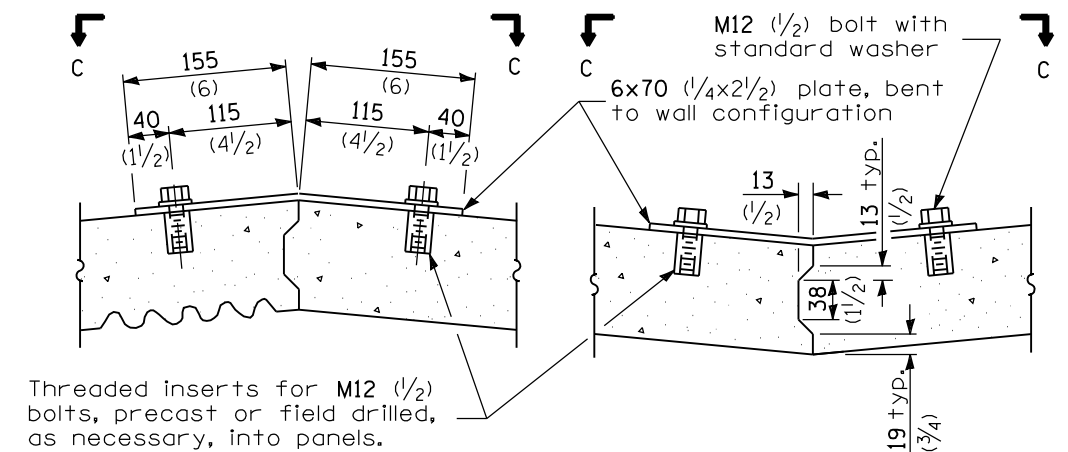


ELEVATION



ELEVATION

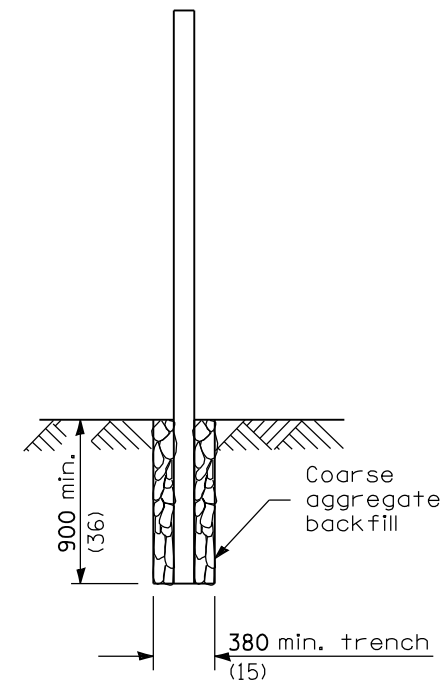
(Showing installation of wall in irregular ground)



Showing typical metal band connector dimensions

Showing typical shear key dimensions

SECTION B-B



SECTION A-A

GENERAL NOTES

Loading for 130 km/h (80 mph) wind with 30% gust factor, normal to wall.

ALLOWABLE STRESSES:

Concrete: $f'_c = 24 \text{ MPa (3,500 psi)}$
 $f'_{ci} = 15 \text{ MPa (2,250 psi)}$
 Prestressing Steel: $f'_s = 1860 \text{ MPa (270,000 psi)}$
 $f_{si} = 1300 \text{ MPa (189,000 psi)}$
 Reinforcing Steel: $f'_y = 270 \text{ MPa min. (40,000 psi)}$
 Structural Steel: $f_s = 138 \text{ MPa (20,000 psi)}$
 Minimum allowable soil bearing pressure: $= 120 \text{ kPa (1.25 tsf)}$

All dimensions are in millimeters (inches) unless otherwise shown.

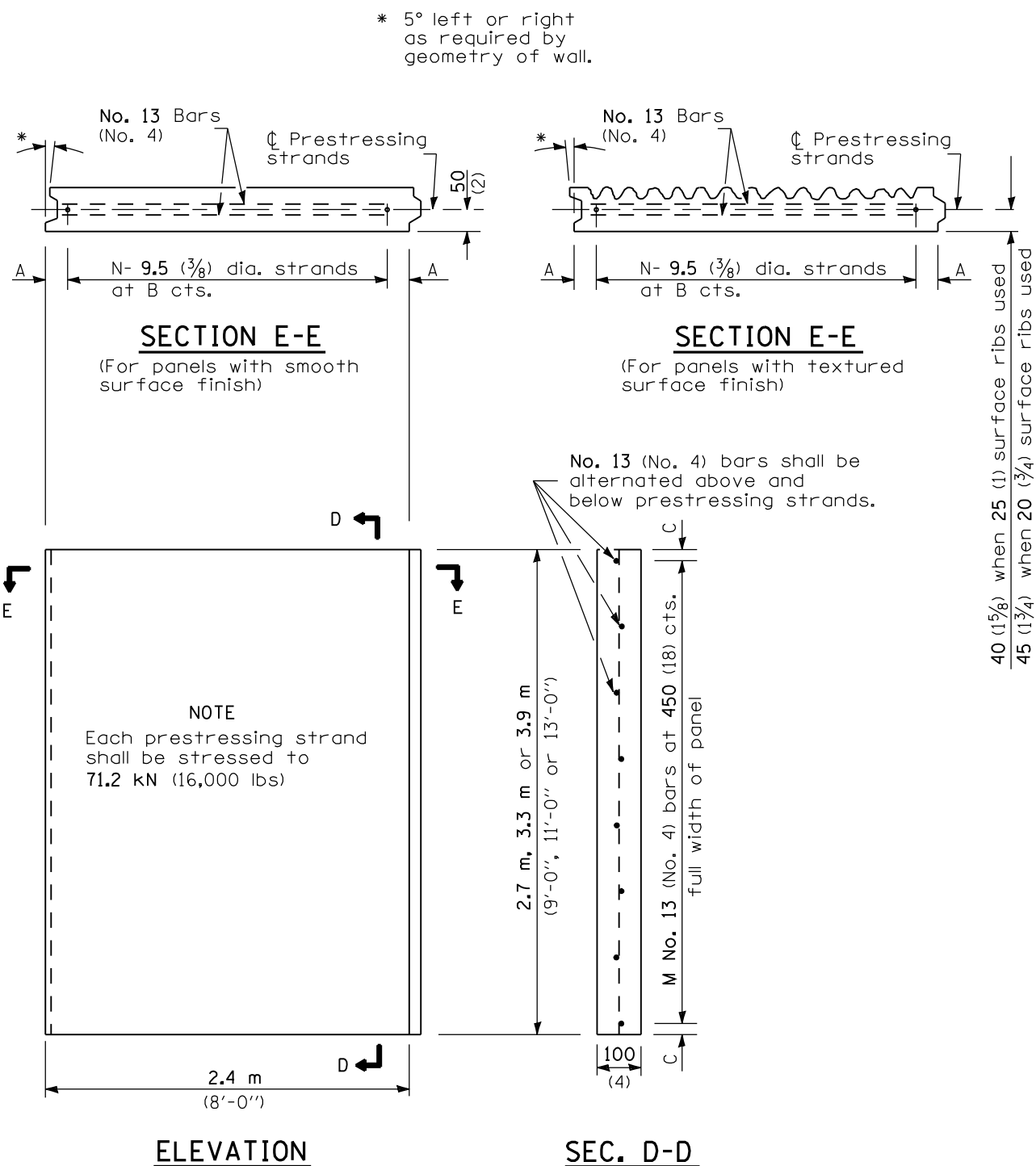
DATE	REVISIONS	SIGHT SCREEN PRECAST PRESTRESSED CONCRETE PANEL WALL (Sheet 1 of 2)
1-1-07	Soft converted metric reinforcement bars & corrected dimensions.	
1-1-97	Renum. Standard 2366-2.	STANDARD 639001-01

Illinois Department of Transportation

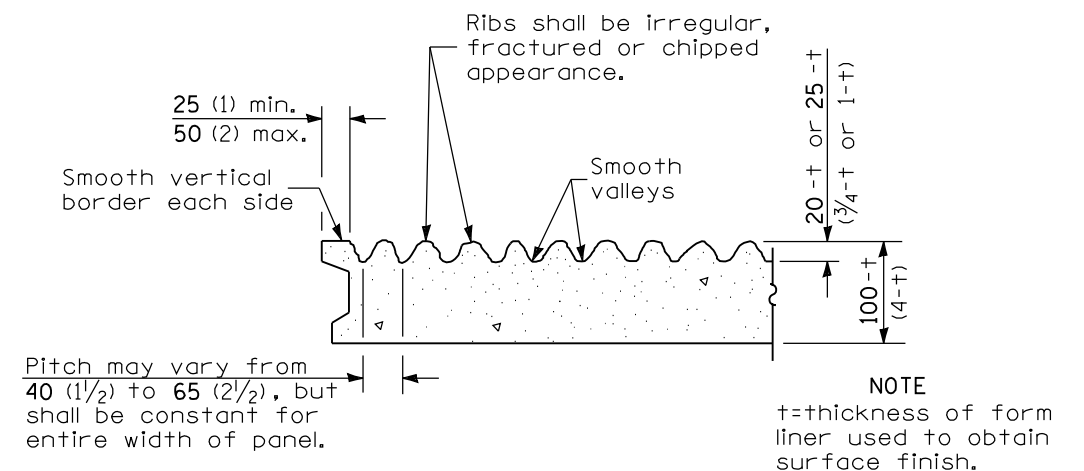
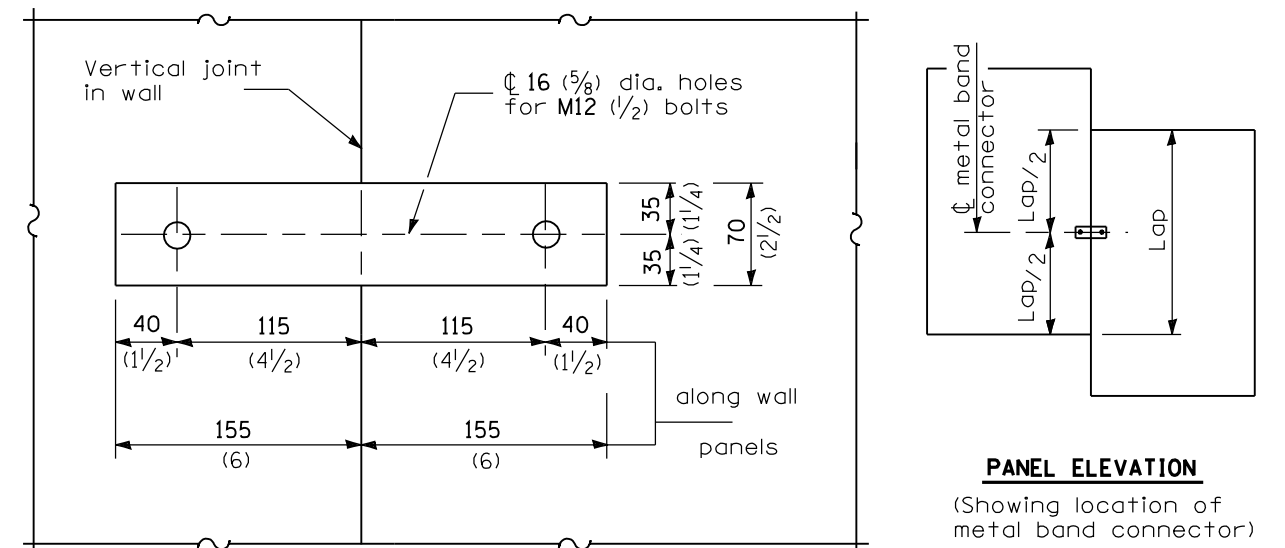
APPROVED January 1, 2007
Ralph E. Anderson
 ENGINEER OF BRIDGES AND STRUCTURES

APPROVED January 1, 2007
Michael L. Hume
 ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97



STRAND and REINFORCEMENT LAYOUT



Nominal Panel Size	A	N	B	C	M
2.4 m x 2.7 m (8'-0" x 9'-0")	150 (6)	8	300 (12)	225 (9)	6
2.4 m x 3.3 m (8'-0" x 11'-0")	75 (3)	11	225 (9)	75 (3)	8
2.4 m x 3.9 m (8'-0" x 13'-0")	75 (3)	16	150 (6)	150 (6)	9

All dimensions are in millimeters (inches) unless otherwise shown.